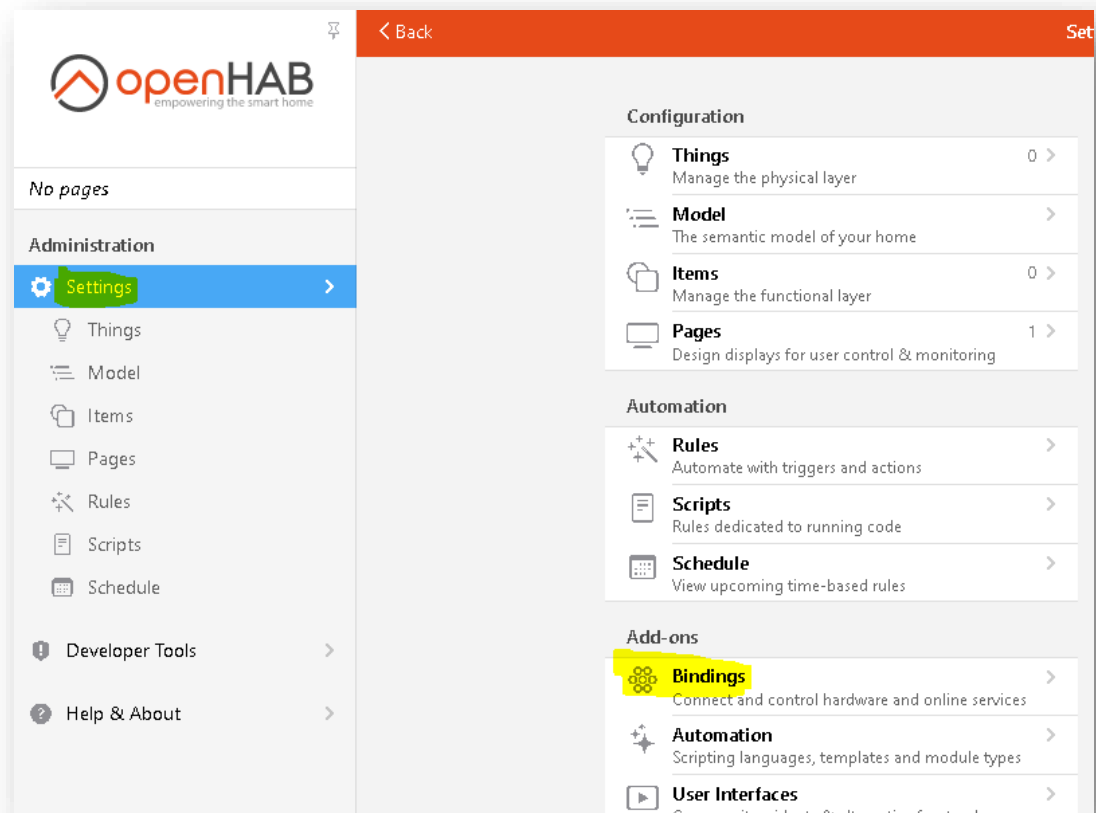


Step 6


KAMOTEQ enabled esp8266 NodeMCU Device Integration to OpenHAB

To add our newly flashed (kamoteq) esp8266 nodeMCU to the OpenHAB follow the below steps

Click **Settings** > (Add-ons) **Bindings**



Click **Search** on the far lower right side



empowering the smart home

No pages

Administration

Settings

Things

Model

Items

Pages

Rules

Scripts

Schedule

Developer Tools


Help & About

< Settings

Bindings

openHAB Distribution


Official bindings maintained by the openHAB project



Adorne Binding

openHAB


INSTALL



air-Q Binding

openHAB


INSTALL



AllPlay Binding

openHAB


INSTALL



Ambient Weather Binding

openHAB


INSTALL



aha Waste Collection Binding

openHAB


INSTALL



AirVisual Node Binding

openHAB


INSTALL



Amazon Dash Button Binding

openHAB

INSTALL



AmpliPi Binding

openHAB

INSTALL

Show 338 More

Community Marketplace

Bindings independently released by the community

Bindings

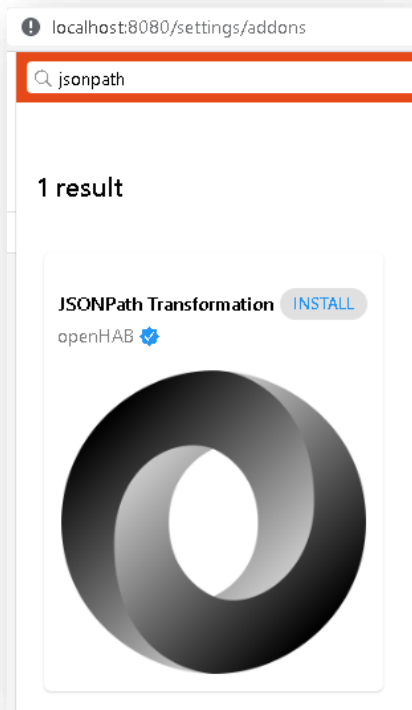
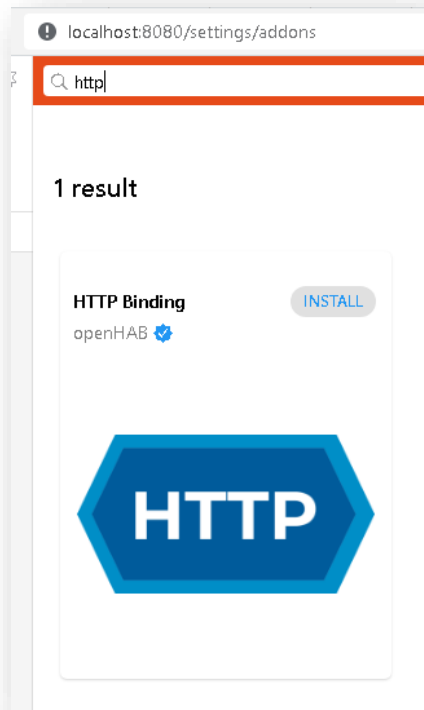
Automation

UI

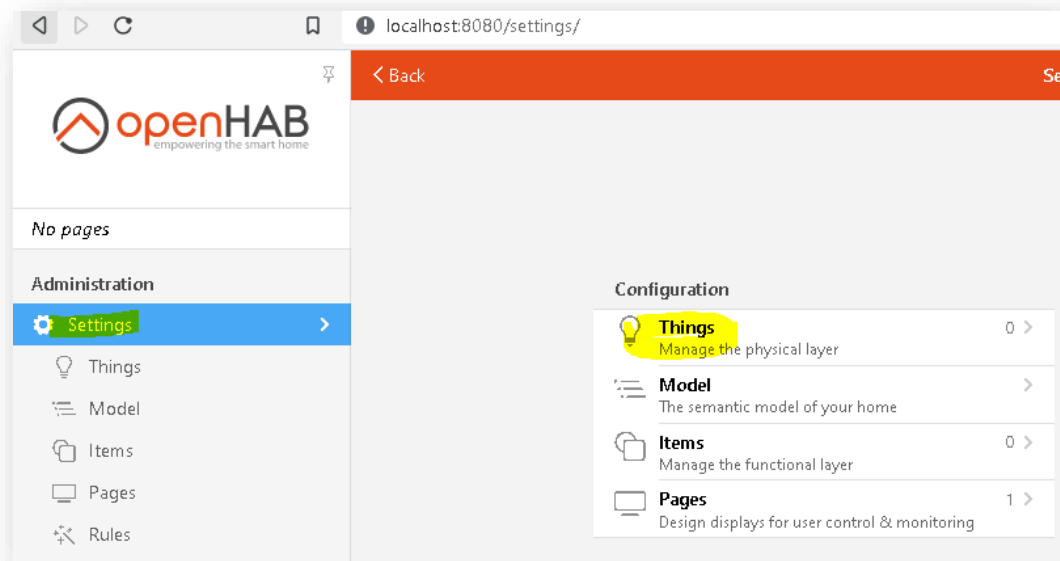
admin

http://localhost:8080

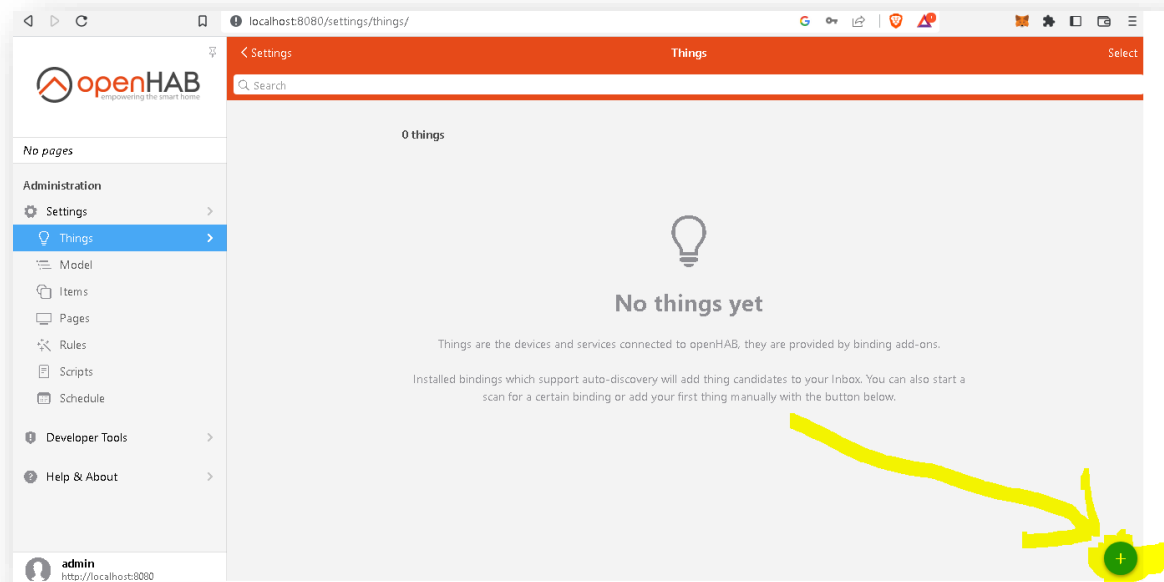
Search and install **HTTP Binding** and **JSONPATH**



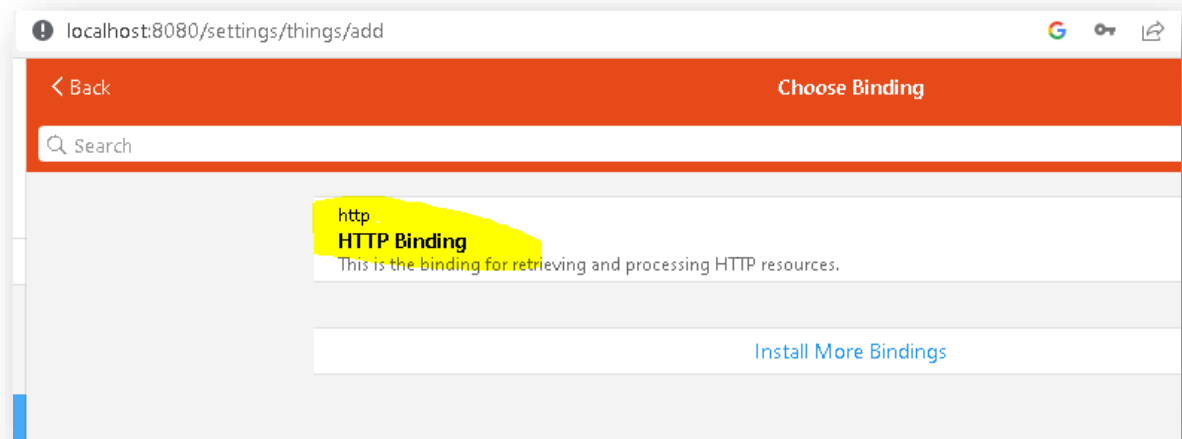
Then go back to the **Settings** again, and click **Things**



Click the **Plus Sign (+)** to add a new device (the button is on the far lower right side)



And click the **HTTP binding**



Then finally click **HTTP URL Thing**

< Back

Add a new Thing: http

Q Search


Add Manually

http:url

HTTP URL Thing

Represents a base URL and all associated requests.

The next page will show the configuration form for the new device

Unique ID	a40c85f0bb <small>Note: cannot be changed after the creation</small>
Identifier 	http:url:a40c85f0bb
Label	HTTP URL Thing
Location	e.g. Kitchen

HTTP URL Thing

Represents a base URL and all associated requests.

Show advanced ☐

Base URL

Required The URL set here can be extended in the channel configuration.

Refresh Time

30

Time between two refreshes of all channels

Timeout

3000

The timeout in ms for each request

Put a proper **Label** for your device for later identification

For the **Base URL**, you got this from STEP 2 NO. 8

Example Base URL from STEP 2 no. 8


SETTINGS AND CONFIGURATIONS	
HTTP Request	Syntax
Base-Url	http://rolly/500291dd0ff7
Base-Url	http://192.168.100.2/500291dd0ff7
Get global data	/?req=stat
Get GPIO4 current pin status	/?req=stat&pin=4
Set GPIO4 pin to HIGH (mode=on,1,true would result same effect)	/?req=set&pin=4&mode=on
Set GPIO4 pin to LOW (mode=off,0,false would result same effect)	/?req=set&pin=4&mode=off
[Warning] This will erase currently saved Wifi SSID/PASS	/?req=eraserequest

Note: "secret" can be obtain from Arduino IDE serial monitor, during device bootup.

And for testing purposes, we will set the **Refresh Time** to 5 seconds


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New HTTP URL Thing

Unique ID	a40c85f0bb
	Note: cannot be changed after the creation
Identifier 	http:url:a40c85f0bb
Label	esp82622-dev1
Location	e.g. Kitchen

HTTP URL Thing

Represents a base URL and all associated requests.

Show advanced 

Base URL	http://192.168.100.2/500291dd0ff7
Required The URL set here can be extended in the channel configuration.	
Refresh Time	5
Time between two refreshes of all channels	
Timeout	3000
The timeout in ms for each request	

Create Thing

Once you have verified all information is correct you can go ahead and click **Create Thing** To complete the new device

This completes STEP 6 (KAMOTEQ enabled esp8266 NodeMCU Device Integration to OpenHAB)

Proceed to STEP 7 (Add a new switch pin to OpenHAB)

End

